

Montgomery County Fire & Rescue Service

Collision Safety Stand Down



June 4-6, 2009

MCFRS Safety Section 2009



Collision Safety Stand Down

2006 Deaths by Cause

- Cardiovascular
- Trauma
- Smoke Inhalation
- Burns
- Undetermined
- Drowning

2006 Deaths by Type

- Structure Fire
- Wild land Fire
- Training
- **MVA**
- EMS Call

Collision Safety Stand Down

2007 Deaths by Cause

- Cardiovascular
- Trauma
- Smoke Inhalation
- Burns
- Electrocution

2007 Deaths by Type

- Structure Fire
- Training
- Multiple Calls w/in 24 hrs
- **MVA**
- EMS Calls

Collision Safety Stand Down

2008 Deaths by Cause

- Cardiovascular
- Trauma
- Burns/Smoke Inhalation
- Asphyxiation
- Violence/Gunshot
- Electrocution

2008 Deaths by Type

- Structure Fire
- Wild land Fire
- **MVA**
- Non-Emergency Duty
- Training
- EMS Call

Collision Safety Stand Down

2009 Deaths by Cause

- Cardiovascular
- Falls
- **MVA**
- Electrocution
- Violence
- Undetermined

2009 Deaths by Type

- Structure Fire & Training
- **MVA & EMS Calls**
- Search & Rescue
- Vehicle Fire
- Wild land / Grass Fire

Collision Safety Stand Down

MCFRS Collision Statistics



MCFRS Safety Section

Collision Safety Stand Down
MCFRS Collision Statistics
1583 Collisions in 11 Years!

- 1999 – 110 collisions
- 2000 – 140 collisions 27% increase
- 2001 – 160 collisions 14% increase
- 2002 – 129 collisions 19% decrease
- 2003 – 140 collisions 8% increase
- 2004 – 117 collisions 16% decrease
- 2005 – 129 collisions 10% increase
- 2006 – 133 collisions 3% increase

Collision Safety Stand Down

2007 Collisions – 208 Total 56% Increase

Collisions By Battalion

- Battalion 1 – 40
- Battalion 2 – 34
- Battalion 3 – 57
- Battalion 4 – 29
- Battalion 5 – 28
- Battalion 99 – 20

Collisions by Cause

- Clearance
- Backing
- Weather
- Other at Fault
- Animal Strike
- Incident
- AM Check-out

Collision Safety Stand Down

2008 Collisions – 227 Total 8 % Increase

Collisions By Battalion

- Battalion 1 – 45
- Battalion 2 – 26
- Battalion 3 – 59
- Battalion 4 – 48
- Battalion 5 – 23
- Battalion 99 – 26

Collisions by Cause

- Clearance
- Backing
- Driver Error
- Other at Fault
- Incident
- Animal Strike
- AM Check-out
- Situational Awareness

Collision Safety Stand Down

2009 Collisions – 93 for the year so far!

Collisions By Battalion

- Battalion 1 – 26
- Battalion 2 – 9
- Battalion 3 – 27
- Battalion 4 – 11
- Battalion 5 – 7
- Battalion 99 – 13

Collisions by Cause

- Clearance
- Backing
- Other at Fault
- AM Check-out
- Intersection
- Mechanical/Equipment
- Animal Strike
- Situational Awareness

Collision Safety Stand Down

2007 – 2009 Collisions by Response Mode

2007

| | |
|-----------------------|-----------|
| Emergency | 67 or 35% |
| Non-Emergency | 89 or 47% |
| Parked | 23 or 12% |
| Moving Status unknown | 12 or 6% |

2008

| | |
|-----------------------|-----------|
| Emergency | 61 or 30% |
| Non-Emergency | 99 or 48% |
| Parked | 32 or 16% |
| Moving Status unknown | 13 or 6% |

Collision Safety Stand Down

2007 – 2009 Collisions by Response Mode

2009

| | |
|-----------------------|-----------|
| Emergency | 27 or 30% |
| Non-Emergency | 41 or 44% |
| Parked | 17 or 19% |
| Moving Status unknown | 6 or 7% |

Collision Safety Stand Down

2007 – 2009 Collisions by Unit Type

2007

| | |
|-----------------|------------|
| EMS | 55 |
| Engine | 65 |
| Special Service | 50 |
| Staff | <u>34</u> |
| Total: | 208 |

2008

| | |
|-----------------|------------|
| EMS | 70 |
| Engine | 53 |
| Special Service | 59 |
| Staff | <u>53</u> |
| Total: | 227 |

Collision Safety Stand Down

2007 – 2009 Collisions by Unit Type

2009 January to June 1

| | |
|-----------------|-----------|
| EMS | 28 |
| Engine | 30 |
| Special Service | 17 |
| Staff | <u>18</u> |
| Total: | 93 |

Special Service = Tractor Drawn, Tower & Rescue Squad

Staff = any support vehicle not classified as a EMS, Engine or Special Service

Collision Safety Stand Down

2007 – 2009 Preventable v. Non-Preventable

2007

Preventable Collisions - 92

Non-Preventable Collisions - 82

2008

Preventable Collisions – 81

Non-Preventable Collisions – 107

2009 January - February

Preventable Collisions – 12*

Non-Preventable Collisions – 19*

Collision Safety Stand Down

2007 – 2009 Driver Type

2007

Primary Driver - 58

Back-up Driver - 38

Certified Driver - 92

2008

Primary Driver - 67

Back-up Driver - 42

Certified Driver - 109

2009

Primary Driver - 29

Back-up Driver - 7

Certified Driver - 48